

Comparisons of Job Characteristics

Focus Occupation: Agricultural Equipment Operators (45-2091)

Associated Occupation: Operating Engineers and Other Construction Equipment Operators (47-2073)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 27

Focus Occupation: Agricultural Equipment Operators (45-2091)

Associated Occupation: Operating Engineers and Other Construction Equipment Operators (47-2073)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Building and Construction	4.0	15.0	9.1	<< Extensive education and/or training may be required
Mechanical	6.8	13.4	7.9	<< Extensive education and/or training may be required
Public Safety and Security	6.9	10.5	4.4	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 90

Focus Occupation: Agricultural Equipment Operators (45-2091)

Associated Occupation: Operating Engineers and Other Construction Equipment Operators (47-2073)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation and Control	5.4	13.4	12.6	0 Current skill level may be sufficient
Operation Monitoring	6.6	10.0	12.0	> Skill level is likely sufficient
Equipment Maintenance	3.5	6.9	8.3	> Skill level is likely sufficient
Troubleshooting	4.5	6.6	8.7	>> Skill level is likely more than sufficient
Repairing	3.4	6.4	8.7	>> Skill level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 94

Focus Occupation: Agricultural Equipment Operators (45-2091)

Associated Occupation: Operating Engineers and Other Construction Equipment Operators (47-2073)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Multilimb Coordination	6.0	13.2	12.3	0	Current ability level may be sufficient
Control Precision	6.6	12.6	12.6	0	Current ability level may be sufficient
Depth Perception	5.3	12.2	10.6	<	Some improvement in abilities may be required
Reaction Time	4.8	9.7	10.2	0	Current ability level may be sufficient
Response Orientation	4.0	8.7	8.6	0	Current ability level may be sufficient
Rate Control	3.8	8.6	9.0	0	Current ability level may be sufficient
Glare Sensitivity	2.6	5.5	4.1	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 69

Focus Occupation: Agricultural Equipment Operators (45-2091)

Associated Occupation: Operating Engineers and Other Construction Equipment Operators (47-2073)

Work Activities	Exclusivity of Activity
Operate power driven pumps	66
Operate tractor with accessories or attachments	76
Use hand or power tools	2

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 80

Focus Occupation: Agricultural Equipment Operators (45-2091)

Associated Occupation: Operating Engineers and Other Construction Equipment Operators (47-2073)

Tools and Technologies	Exclusivity
Agricultural machinery for harvesting	35
Agricultural machinery for planting and seeding	33
Agricultural machinery for soil preparation	35
Conveyors and accessories	18
Dispersing and spraying appliances for agriculture	26
Earth moving machinery	11

Finance accounting and enterprise resource planning ERP software	2
Forestry machinery and equipment	31
Garden tools	12
Heavy equipment components	21
Lifting equipment and accessories	3
Power tools	2
Product and material trailers	24
Product and material transport vehicles	13
Pumps	9
Specialized and recreational vehicles	17

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.